

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Tom_Jennings <jennings@eng16.rochny.uspra.abb.com>
Subject: [6235] (fwd) GQRP - Code Ode
Message-ID: <jennings-9602271602.AA000314034@eng16>

Since we are in poetry mode here is something from the GQRP-L,
Enjoy!

Tom, kv2x

----- Forwarded message from owner-gqrp-1@blacksheep.org on Wed, 27 Mar 1996
11:13:22 +0100 (MET) -----
From: Duncan Cadd <dcadd@luc.ac.be>
Subject: GQRP - Code Ode
From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Tom_Jennings <jennings@eng16.rochny.uspra.abb.com>
Subject: [6238] (fwd) GQRP - Code Ode, complete version
Message-ID: <jennings-9602271615.AA000414034@eng16>

Sorry for the extra messages but the last few lines got truncated
somehow. Plus the author's name.

Tom, kv2x

----- Forwarded message from owner-gqrp-1@blacksheep.org on Wed, 27 Mar 1996
11:13:22 +0100 (MET) -----
From: Duncan Cadd <dcadd@luc.ac.be>
Subject: GQRP - Code Ode
From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: cjster1@ix.netcom.com (Craig J. Sterling)
Subject: [6240] 10 METER QRP NET (METRO WASH DC/BALTO
Message-ID: <199603271622.IAA14081@ix16.ix.netcom.com>

Fellow QRP'ers,

Sunday, March 31, beginning at 9:00 PM EST (0200 UTC) for the metro
Washington, D. C. / Baltimore regions, I (Craig, AA3MD) will be
positioned on 28.490 (10 meter SSB) with hopes of meeting other low
power enthusiasts around our region, or for that matter any region that
that might have propagation into our area. I will act as "chaos
coordinator." Let's just check in, introduce ourselves and see what
happens! OK?

We have a lot of talented folks out there and many reside right here in
DC/Balto. I'm not trying to reinvent the wheel ... I've been told that
something similar exists on 2 meters, but not on a regular basis. I
also believe not everyone has 2 meter capability (me! me! me!).

This can really be fun ... in my zip code alone (20015) there are approximately 57 hams, several of which I know are "closet QRP OPS"! Also, we have an unusually large amount of foreign hams (embassy folks, diplomats, spys, etc.), what a hoot!!!!!!!!!! Be there!

C U'all
Craig Sterling, AA3MD
Washington, D.C.

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Michael Connor <mikec@primenet.com>
Subject: [6267] 40-9er Mods
Message-ID: <199603272358.QAA21134@usr3.primenet.com>

Gang,
Just starting on the 40-9er and remembered reading about someone who had done some mods on theirs, but don't remember who or what.:-) Could you repost?
Thanks,
Mike
NQ7K

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Peter Simpson <peter@Thoth.st.3com.com>
Subject: [6221] A tip of the hat...
Message-ID: <Pine.SUN.3.91.960327064113.2748A-100000@Thoth>

Received my "Forty-9er" parts kit in the mail yesterday. Thanks to Doug Hendricks, Jim Cates and Wayne Burdick. These guys must spend all their time designing neat QRP rigs, licking stamps and addressing envelopes!

Thanks, guys. Just wanted to let you all know how much your efforts are appreciated. It's a hell of a deal for \$25! And good instructions, too, especially the note from Wayne, where he gives the correct spelling for the name of the kit :-)

--

Peter Simpson, KA1AXY	Linux!	Peter_Simpson@3mail.3com.com
3Com Corporation	The free Unix	(508) 264-1719 voice
Boxborough, MA 01719	for the 386	(508) 264-1418 fax

From owner-qrp-l@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: hankster@ix.netcom.com (William H. Perkins, Sr.)
Subject: [6218] Explorer II finished-- it works
Message-ID: <199603260408.UAA04655@dfw-ix3.ix.netcom.com>

Did the alignment on the Explorer II for 30 meters tonight. Used my general coverage receiver. I am absolutely amazed. It worked the first time. QSO's with west Texas and Kansas right away at 245Z and 318Z.

Power peaked at a shade less than 2 watts.
The only problem I have noticed is that the side tone is very low volume, can hardly hear it, with pot R2 turned all the way up (counterclockwise). Any comments?

It was a delight to build. My first attempt on a QRP transceiver.

72,

Henry, AE4MX

From owner-qrp-l@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: talljazz@teleport.com (Dan Presley)
Subject: [6215] F Beacon
Message-ID: <v01530501ad7ea43665c7@[206.163.121.70]>

I'm hearing the 'F Beacon' on 7040 for the past 4 nights- I recall the discussion in the ARCI mag. this summer about it. Approx. time 07-0900 UTC. Anyone else getting this?
Dan N7CQR-Portland, Or QRP-L #502

From owner-qrp-l@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: faunt@netcom.com (Doug Faunt N6TQS +1-510-655-8604)
Subject: [6252] For sale: Complete, unmarked manual for Heath HW-9
Message-ID: <199603271922.LAA12783@netcom15.netcom.com>

I guess I bought it to see what the rig was like back when it was current. It's got the schematics and foldouts, and it's in great shape, doesn't look like it's ever been opened.
I have no idea what this is worth, so make me some offers, please.
73, doug

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Michael D Wyman <Michael_D_Wyman@ccm.ch.intel.com>
Subject: [6227] FS QRP+

Hi All,

I have a QRP+ for sale. The unit is brand new and never been used. It is in the original shipping container. I am asking \$495 and I will ship. If interested please send message to:

Michael_D_Wyman@ccm.ch.intel.com

Thanks es 72 de Mike WB1CWD

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [6250] FUTURE KITS?
Message-ID: <9602278279.AA827958360@smtpgw.ccgate.dl.nec.com>

Folks:

Just wondering.....

..... with all the recent talk of 10m QRP operation, does anyone think the many fine kit offerers whom we know and love so dearly (do you sense a tone of "suck-up here? :-)) will be introducing some products for the high bands?

With the improving conditions in the next 2-3 years, I'm looking forward to doing some operating on 10, 12, 15, and 17m. My feeling is that while maybe not quite as prolific as the 80-20m kits, that soon demand for the higher band kits will increase.

Many people here have claimed that bands like 10 are fabulous when the spot count is high. Maybe a little ditty like a "40-9er" for 10m would be the ticket. Real simple, FB receiver, abt 1w TX?

I know Wilderness offers a terrific kit with modules for these bands, just thinking if the others would offer single band kits or the like.

Personnaly, I would love to see these and I know of others who would snatch these up too. Is this an as yet untapped market? OK, you RF wizards, put your circuit analysis programs in your PC's and help us kitters. We are patiently hoping and waiting!!

73 de Dave AC5GY

From owner-qrp-l@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [6255] Futures
Message-ID: <199603272046.UAA28582@chuck.dallas.sgi.com>

Gang,

There is no doubt that the higher bands will have kits available. The manufacturers know where the money is and is going to be. They certainly have been around long enough to understand propagation and how the ham population will move up as the changes come about.

I know that Dave Benson, NN1G, with the GM-xx series now available for 40M, 30M, 20M, and 17M will be able to go all the way up to 10M eventually. Maybe even up to 6M.

I'm positive that Dick Witzke and others are working

on stuff now, but there isn't the demand yet. Forward thinking members of this group are grabbing up the good deals on Uniden 2510s and other rigs capable of the higher freqs.

I think that I have a positive attitude most of the time and always try to, but this is one case where I truly worry. What is going to happen when 10M opens back up? Posts have appeared today about how the internet groups have become very bad and so have the ham bands. This in reference to language, attitudes, flame wars, CW or not CW, etc.

The people who jump up and down and scream about rights, obsolete communication methods, etc. IMHO deserve what they get. You make it easy for everyone to do it then it becomes chaotic. Look at what happened to the 11m band. Look at what is happening now on 2M and the phone bands. I am not saying not let anyone in, but do keep up the standards, but we have proven that it doesn't seem to be doing any good. It's the prevailing trend in society as a whole. We just aren't doing a good job of education in general. Polite society is taught not inherited. Manners are hard to come by. Barbaric behavior is easy. Control of tempers and polite discussion have slipped away in many areas. I see so much "I want it my way and I want it now!".

The problem with the number of people in the human race and the resulting large number in radio amateur is brought about by economics to a great extent as is most of man's endeavors. The manufacturers, the ARRL, and the magazines want large numbers. It's a cash cow. Money comes in and they prosper. It's free enterprise at work.

I believe that when 10M hits the peak propagation during this next cycle it is going to be very interesting. We who have been there know what 1W will do. We're going to have people that want to run 100W to 1500W ALL the time, day or night. The phone bands and the digital droids are going to say the heck with rules and regs and move wherever they darn well please. I am truly paranoid about this one item and I hope that time proves me dead wrong. Someone tell me I'm wrong. Please. I'll seek out a shrink and get help.

In 40 years of almost exclusive CW operation I have never heard profanity in CW. I don't want to either. Can't say the same for FM for SSB though. When you think and you queue up what you are going to say it is just so much easier to be nice. Both parties gain and both parties enjoy the QSO that much more. I don't have to prove a thing to the other person and they the same. We are on equal ground. I don't care if their rig costs \$25 or \$25,000. It just doesn't matter does it? I'm impressed if you put it together and I'm impressed that you know how it works, but I enjoy talking to guys running commercial gear too. Many a QSO I've had guys say that they have a Heath HW-X, NN1G, or MJF QRP rig(s) but they just don't have it plugged in right now. Fine. They do get on once in a while at those levels of power. They probably have more fun then. They can say they have "been there done that". That's what is important.

I hope that when I go I've just finished the last QSO and end with "dit dit". :-)

Off the soap box. I apologize but it is important to me.

This group is fantastic. You've all contributed you have all kept the profanity to a minimum. We've had orderly conduct by all parties and I think we are having fun. I hope it stays that way. Some jump up and down when we get off technical issues, but hey, how many discussions can you have on an MC1350 or NE602a? Huh? Everybody knows where everyone stands and hostility is kept to a minimum. It works 'cuz we all like it that way and want it to remain.

We're seeing the posts on the 40-9er, a.k.a. 49er :-), and the contacts made, etc. That's what is fun. Mine's in the mail along with 180 or so others. 7040KHz is going to be something else with the scramble to get that first QSO with one and the first two-way with another one. It's the ultimate challenge this week. We look forward to next week.

OK, I'll post the fox results for the anxious and the ones who want bragging rights and then later we can line up our continuing study of 30M. I've been listening and 30M seems to be staying open later. Looks like summer is coming on pretty strong. (except for the wx).

Again, my apologies to any and all whom I have taken

valuable time away from and feel that I've wasted your time.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Stan Wilson <randyw@crl.com>
Subject: [6246] Ghost Towns - In Missouri ? - QRP sites
Message-ID: <31597F4C.6A54@crl.com>

This has been an interesting thread. But I'm from Missouri. Ghost Towns here in the mid-section of the USA ?

I live in St. Charles, MO. which was the first capital city of the state and about 20 miles northwest of the city of St. Louis. Lewis and Clark started the survey of the Missouri River from here since we are located just a few miles from the mouth of the river where it joins the ole mighty Mississippi. But Ghost Towns.... Maybe.. I had heard about some towns being purchased by the Government for military bases in the early 40's. Armed with this bit of information I went to the local Tourism Bureau. We also still have the first capital building for the state and they also have a Tourism office. No luck, but they suggested that maybe I should ask the historical society.

BINGO Do we have Ghost Towns. Several within 30 miles of my QTH.

Missouriton founded by Danial Boone where the Femme Osage meets up with the Mighty Missouri.

Pauldingville were Kenner's Tavern stood in 1819 with the largest stage coach stop in the state.

Mechanicsville, Howell (now a high-tech research park), and Hamberg all purchased by the government in 1941 to build a TNT plant.

and one with the best name... ENON Yes, none spelled backwards, which became Hoeberville.

A Rand McNally map from 1912 listed several more: Klondike, Matson, Schlusersburg, Gilmor, Cappeltn, etc etc

So ... We do have Ghost Towns and I expect a few ghosts here in Eastern Missouri....

Gee so many places to go for "QRP in the Field".....

de Stan AK0B

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Michael Connor <mikec@primenet.com>
Subject: [6241] Goodbye old friend
Message-ID: <199603271655.JAA10282@usr5.primenet.com>

Gang,

Well, I said goodbye to an old friend recently, my beloved Kenwood 2600 2 meter rig. It was my first and only handheld, a gift to me when I passed my Tech class 11 years ago. It had been from Canada to Mexico with me, survived falling from my hand and being run over by my truck one hunting season, and countless drops on its head. Its demise was a sad affair; it slipped off the seat of the jeep while pulling into the parking lot of the ham swap meet recently, crashing to the pavement. Although it showed no major damage outside, the internal injuries were beyond help.

What has all this to do with qrp, you say? Well, I was sitting there looking at it as a possible donor of parts when I happened to glance at an envelope of parts sent to me by the Norcal guys. Yea...the 40-9er.... (that grinding, squeaky noise you hear is the wheels in my head turning).:-)

Lessee, I've got a case, a little speaker, a BNC connector, a PTT switch, a volume pot, tone pad, switches, a little tiny meter, and a coupla battery packs. Hmmm, 9.6 volts. Another battery pack that holds 6 C cells. 12 volt adapter. Leather case. Could it be that...naw! That'd be crazy. A 40M milliwatt handheld? Hmmm..... I hear there's some guys runnin around hiding radios inside candy boxes, so why not? There's plenty of room for the board, with room left over for an audio amp, keyer, whatever. Hello old friend!:-)

ObQrp: I was scheduled as the FOX last Tuesday, but was sent out of town last Monday by my employer for the entire week.:-((they paid for everything:-)) My humblest apologies to those expecting the Fox.

Looking forward to the 30M action!

Cheers,
Mike
NQ7K

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Mike White <mpw@chensys.com>
Subject: [6254] ISOTRON Antenna
Message-ID: <2.2.16.19960327204246.272f7be4@pop3.chensys.com>

The review in 73 seemed rather favorable for the ISOTRON - has anyone used one? It doesn't have mongo gain, but it seems like a fair antenna for a dinky-lot bound person like myself.

How would one of these antennas compare with a Mini-Loop such as those offered by AEA?

Thanks-
-Mike

--

Mike White Chen Systems Corporation
N9UXC voice:715/833-7067
 fax :715/833-7096
<http://www.chensys.com>

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Aa4xx <aa4xx@nando.net>
Subject: [6270] KnightLite's 80M Net
Message-ID: <Pine.SUN.3.91.960327190135.14207K-1000000@bessel.nando.net>

Dear Gang,

The KnightLite's 80M net was busy last Sunday, with seventeen folks checking in. We took some time to get the scoop on everyone's rigs and antennas, with notes provided in the following QNS report. The KnightLites meet each Sunday night at 10 PM EST (0300Z) on 3710 KHz. The net is informal, and all are welcome. There must have been a pipeline into Michigan last Sunday from the looks of the QNS report. Looks like Springtime QRN has made its appearance on the scene...

We hope to see you this coming Sunday. 72 de Paul, AA4XX@amsat.org

Knightlites QNS Report
Sunday, March 24, 1996

AA3EJ	Dave	Philipsburg,	PA	559	5W	Marconi
WA8LCZ	Byron	Warren,	MI	339	5W	GAP Titan
KF2PH	Nick	Patchogue,	NY	549	2W	Dipole
N1QQV	Ken	Madison,	CT	349	5W	
AA6UL	Ralph	Charlottesville,	VA	579	5W	Low Dipole
AE4AZ	Ray	Hendersonville,	NC	569	80W	Low Dipole
WB8ZJL	Paul	Oakland Township,	MI	349	3.5W	Corsair
N4NTO	Tripp	Tarboro,	NC	559	5W	Dipole
N4ELM	Dave	Raleigh,	NC	599	5W	IC-735/Dipole
N8CQA	Buck	Marysville,	MI	339	4W	Long Wire
WB8E	Walt	Warren,	MI	559	5W	TS-50/Dipole
WA4SGC	Mac	Clarkton,	NC	589	5W	Argosy/160M Flattop
VE3VAW	Brien	Toronto,	ONT	569	5W	
WR4I	Dennis	Chapel Hill,	NC	579	5W	
AE4IC	Bob	Greensboro,	NC	559	5W	Dipole
WA4NID	Dave	Durham,	NC	559	1W	Lew McCoy Dipole
AA4XX	Paul	Raleigh,	NC	(NCS)	5W	FT-757GX/Inv Vee

Das Ende*****

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Richard Schneider <74602.3317@compuserve.com>
Subject: [6217] Long Wire
Message-ID: <960327065137_74602.3317_EHH43-2@CompuServe.COM>

>> Has any one use a long wire + tuner before. What is the ideal length to work all band? Comments & suggestion appreciated. <<

Yes, with good success. However, I have no precise dimensions. My last antenna consisted of a three-spool package of radio shack hook-up wire. Stripped ends. Twisted them together. Tied knots for strain relief. Found an old shoe. Tied one end to the old shoe. Tossed the old shoe, and wire, into the forest, high up. Tuned it with an old MFJ random wire tuner - L-Circuit. I used about 12 feet of the wire to attach to a ground (you'd probably want more for a counterpoise. Then worked So. Cal and Upper Mich. QRP SSB 20 meters from my sister's in SW Oregon.

Dick/KB0SRY..

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Grover Cleveland <wylde@nccn.net>
Subject: [6228] More on small, light, invisible wire
Message-ID: <31595420.564@nccn.net>

My search for the perfect covert hotel operating wire continues.

Several folks suggested Davis RF as a source. Unfortunately they stock only the 14 ga. Flex-Weave and not the 26 ga. It was noted that "some guy at Dayton" sells the 26 ga. stuff, but I'm not going.

Another suggestion from a couple of people was 26 ga. Teflon coated wire. Thanks for that - I'll raid the wire bin at work and see what I come up with.

.73

Grover WT6P

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [6222] NorCal 8044ABM Kit
Message-ID: <199603271202.MAA27255@chuck.dallas.sgi.com>

Gang,

Don't know if anyone has done this review, but if they have I apologize. I looked through the archives and didn't see anything other than a mention of the offer from NorCal.

The NorCal Keyer Kit using the 8044ABM is available from Jim Cates, WA6GER. Use his callbook address of 3241 Eastwood Road, Sacramento, CA 95821. Make out MO or Check to him, NOT to NorCal. He has been doing this since December of 1994.

The cost of the kit (actually it's a partial kit) is \$17 US funds. I think this price included post and handling, but drop in an extra buck anyway. Tell Jim to buy a cup of coffee if it's extra. He does a heck of a lot of work for the club. So does Doug

Hendricks. In fact, Doug personally packed each and everyone of the 40-9er kits. I still think 49er is a better term, since it's spelled like you pronounce 49-9er. :-) Sorry Wayne, just had to do that. Also on the subject of free labor and the NorCal Club. One thing that I congratulate Wayne on is contributing the design to the club. Here is a guy who obviously could have gone out and done the kit and made some money but chose to give it away. Thanks Wayne.

Now check on ftp.lehigh.edu in /pub/listserv/qrp-1 and in one of the directories you'll find a file 8044.ps (as a side note [I just love these little side trips] most of the files on LeHigh.EDU have appended a ".z". This means they are in a UNIX compressed format to save space. There is more to life than DOS. :-)) . If from ftp you do a 'get' on the file, you will get the file without the .z and it will automatically be uncompressed. Also the file is a postscript file and all you have to do is send it to a postscript printer. This file is one that I put out there. It is the complete unabridged notes for the Curtis 8044ABM chip missing only the photo of John Curtis himself. Put his in your filing cabinet as a reference. Make copies and give it out at club meetings.

There are two popular schematics and both are in the application note. One is the one used by Vibroplex in the bottom of the Brass Racer (triangular base) and the Curtis Lil Bugger and the MFJ-4228B-X keyer that mounts on top of a Bencher and a host of others. This puppy is missing what is called the anti-burp circuit that keeps the keyer from sending one dit when powered up. Many a final PA has been lost due to this "feature" and many an operator has been embarrassed on the air for the same reason. If you know that your keyer does this, then the power up sequence is to power up the keyer then the rig.

The second schematic has the anti-burp circuit and is used by Oak Hills Research and some others to prevent the 'burp' when powered up.

Well, the NorCal Keyer kit uses the first circuit without the anti-burp. That's why the board is as small as it is. The PC board is 5.1cm by 4.5cm, single sided silk-screened and is manufactured by

FAR circuits. Nice clean board. Always hold any board you get up to a bright light and check for cracks, shorts, etc. It's alot easier before you put parts on it to debug this problem.

With the NorCal kit you get the board and the famous 8044ABM chip and a one page note giving only the schematic and the parts list. There are no assembly instructions and you really shouldn't need or expect any. It doesn't have that many parts to get and put on it and the silk screen pretty much shows where you put things. It's kinda like the deal you get with the CMOS III which is much more complicated (well, not that much more).

The 8044ABM is a 20-pin DIP and you should get a socket for it. I think that Mouser gets \$19.95 for the chip alone, so you start out saving from the start on the NorCal deal. I'll solder in a NE602 onto a board but not this puppy.

Here is the parts list, so if you happen to go ahead and order one:

Resistors (1/4W)	470(2),1M(2),100K,1K,47K,91K
	quantity in parenthesis
Caps	0.01uF(3),10uF 10V Electrolytic
	0.1uF,0.047uF (or one 0.15uF)
Diode	1N4006
Transistor	2N4401
Var Resistor	500K with switch for on/off

And all the other misc items like jacks, etc. If I was going to put this puppy in a TRUELY portable rig I'd forget the speed control and just put in a value for the variable that would set the speed at 20wpm and leave it. Save some hardware and room.

There is a jumper for mode A operation. You'll have to run a wire (insulated of course) from the select pad to the +V (pin 1 of the 8044ABM). 9V battery should do nicely for the power or use a 78L08 or 78L05 if you are going to put his in a rig and get power from an external power source. The reason for the 78L05 or 78L08? I know how some of you guys like to apply 13-18V to a rig. :-) The 8044ABM should never have more than 12V applied and I personally would never apply more than 9V. It's a \$17 fuse

if that's what you want. Remember gang, we are QRPers.
:-)

There is no monitor shown on the schematic, so refer to the application note to add one if needed. I use the monitor in the rigs that I use anyway, so this will save you some current draw in the rig.

Purpose of the post is to put the info out there. Feel free to distribute and use where needed. I do not get anything for this post. I bought my board and am in the process of putting it together.

FYI dit dit

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Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: LANIER.R.A-@smtpgty.bwi.wec.com (LANIER.R.A-)
Subject: [6264] Norcal Sierra
Message-ID: <159CB630.1858@smtpgty.bwi.wec.com>

I would like to hear from anyone who has built the Sierra. What do you think about it? Is it a good quality kit? Is changing the band modules a headache or does it really matter?

I have thought of an idea to build all band modules on one board and use a shaft encoder to move up/down the bands. But looking at the schematic, I'm not really sure how to implement this.

Like to hear what you think.

73s de
Tony, KE4AT0

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: bfollett@ditell.com
Subject: [6268] NorCal www access
Message-ID: <199603280011.RAA15629@orion.ditell.com>

Gang:

Ron wrote:

<< I'm using Netscape (1.2 I think) and it didn't work well at all>

I use Netscape 1.22, and found that the site displays just fine. ummmm.

72, Bob

Bob Follett WA7FCU, QRP-L # 129, NorCal, ARCI, 10-10
2861 Estates Dr. VOICE: 801.649.6457
Park City, UT 84060 Home Office E-mail: bfollett.ditell.com

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: mizrahi@svlhp8.scs.philips.com
Subject: [6259] power "switch" for the 49er
Message-ID: <9603272214.AA29599@svln20.scs.philips.com>

I put the 49er in a box and had to worry about the inconvenience of disconnecting the battery.
I talked with a Jeff KD6MNP and he was "surprised" I don't use what he considers a natural power switch.
This is taking advantage of a STEREO 1/8" socket and the fact that a MONO plug shorts the middle contact to the ground (not the tip).
Wire the earphone socket in the following manner:
TIP - audio out (from C13)
MIDDLE - BATTERY (-) SIDE
GROUND - PCB Ground
Jeff also warned to plug in the earphones BEFORE they're in your ears.
I'll appreciate if anybody let me know what happens otherwise!!!

73 DE ORI AC6AN

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [6253] QRP AFIELD QTH List
Message-ID: <199603272037.NAA13346@zia.aoc.nrao.edu>

The QRP Afield, sponsored by NorCal, is April 27, 1996. Below is a tentative list of known operations going "to the field" from comments made on QRP-L and private email. I will update this list and post it periodically; final one to be issued Friday April 26th. Print it out, take it with you, and you'll know where the QRP-L gang is operating from. I encourage you and/or your QRP club to operate from some local place

that has some quasi-famous or historical significance to make it even more interesting. We will be operating from the ghost town of Riley, NM ... but not everyone has ghost towns of course. The intent is to operate from a unique place. So what's in your back yard? A Civil War battle site, birthplace of some famous dude, abandoned Army fort, UFO crash site, campground once used by OJ Simpson, Area 51? Hey, go for it. Let us QRPers own the HF bands April 27th.

NA5N	Paul	Riley, New Mexico (ghost town)	
WA5WHN	Jay	Riley	
K5FO	Chuck	Riley	
AB5OU	Tim	Riley	
KI6DS	Doug	Riley	
WB5QYT	Tom	Riley	If you don't work Riley ... your
W5UXH	Chuck	Riley	rig is broke!
N5ZGT	Brian	Riley	
KB5OME	Jason	Riley	Photo certificate for working Riley (SASE)
KA8JMW	Ed	Riley	
K9PV	Howard	"Val Verde," Civil War Battlefield, New Mexico	
N1IRZ/5	Dave	Escondida Lake, NM (famous for no fish caught in 100 yrs!)	
WT6P		Malakoff Diggins (what is this?)	
WB5QMP	Randy	Old Mica Mine in Idaho	
N2CJ	Joe	Country location nr. Monroeville, NJ	

Clubs but no calls/names yet ...

CQC is planning 3 different operations ... a ghost town near Steamboat Springs, an operation near Pikes Peak, and a 3rd site still under consideration (plans to operate from old Stapleton or Lowry AFB were not approved).

Arizona SQRPs from White Tanks, AZ (nr. Litchfield)

SPECIAL ... --7-- (call withheld by request) A couple of AZ hams are in preliminary stages of planning to operate AERONAUTICAL MOBILE, flying a loop over AZ and NM. Stay tuned for details.

Heard some of the NorCal bunch might try Petaluma, site of the first gold rush. Any confirmation?

Any San Francisco area QRPers wanna try Alcatraz? That would be neat.

Let me know via the group or private email what your plans are so I can add you to the list.

Regarding the above ... the more I think about that Area 51 suggestion. There's the mother-of-all-QRP sites right there! That would be a QSL

card dang near worth DXCC status. I'm stupid and crazy enough to start planning for that one next year! Anyone want to join in?

72, Paul NA5N

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Mike Robinson <miker@cc.com>
Subject: [6243] QRP is big
Message-ID: <9603271710.AA13151@voder.nsc.com>

I think QRP is really growing. I just turned on the rig and copied part of a QSO. This guy is a member of Norcal and currently working on his 40-9er. He says he's got lots of QRP rigs.

What would have been the chances of randomly turning on the rig and hearing something like this, a few years ago?

```
=====
7.3 de Michael AA0UB      miker@cc.com      michael@frii.com
      http://www.frii.com/~michael
      QRP-L #126      Norcal #857      CQC #180
=====
```

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Jacqueline Herman <jherman@sierra.net>
Subject: [6220] QRP on 2M
Message-ID: <Pine.SUN.3.91.960326175705.27787A-100000@diamond.sierra.net>

Hi Gang,
First let me say that I had to unsub due to so much traffic (I'm sub'd to 4 lists), so *please* CC your response to me (or send your answer directly to me).

Now, I have an older Heath HW-202 2m xcvr which has an output of 10W. That's no fun for the batteries, so I'd like to decrease the output to 1W or so.

The PA transistors are 2N5589 into a 2N5590. Both share a common collector with a B+ of 13.8 VDC.

If I place a resistor in series with that B+ line will that be enough to decrease the power output? If so, what value resistor? (I don't know the current that the PA transistors draw.) There are too many variables missing to use Ohm's law and the power formula!!

If someone can tell me how much current these two transistors draw them maybe I can fill in all the pieces.

How about using a carbon composition trimmer resistor?

Any help will be gretly appreciated!!

73 from Nevada (but missing Hawaii),
Jeff NH6IL\7

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Bill Acito 27-Mar-1996 1045 <acito@asdg.ENET.dec.com>
Subject: [6234] Question on Calls2dist
Message-ID: <9603271548.AA23741@us1rmc.bb.dec.com>

Typical output:

Subj: RUN QRP-L X calls2dist kc1gs wb3cuu

Output from stdout:

KC1GS ZIP = 01749

WB3CUU QTH = OXFORD MA 01540

KC1GS Lat/Long = 42 23 30 N 71 34 00 W

WB3CUU Lat/Long = 42 07 00 N 71 51 55 W

Output from "gc 42.2350N71.3400W 42.0700N71.5191W":

Bearing is 219 Degrees for 21 Nautical Miles = 24 Miles = 39 Km

Why does 42 deg, 23 min, 30 sec = 42.2350 degrees?
Shouldn't it be $42 + 23/60 + 30/60(1/60) = 42.3917?$

Wishlist: adding grid square calculations to this would be great!

b

. - I own my own words -

Bill Acito

acito@asdg.enet.dec.com

|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

KC1GS ... qrp-ne ... qrp-l ... qrp-arci ... norcal ... arrl life ...

... heard on lunchtime (EST) passes of Amrad Oscar 27 ...

From owner-qrp-l@Lehigh.EDU Wed Mar 27 22:16:59 1996

From: wdzeares@rockdal.aud.alcatel.com

Subject: [6226] R

Message-ID: <9603271331.AA13170@aud.alcatel.com>

Last night (Tues) I just sat at the radio and listened for the FOX for 2 hours... same results as most weeks,,, didn't hear him... I know its over for this year but I'm a FOXaholic... maybe we need to organize an "unofficial" off season FOX... you know, we all just take turns at being the unofficial FOX and see what happens... Isn't this qrp stuff great or what? I'm seeing a shrik on Sat. I wonder if he wants to be the fox?

72/73 Dennis K3ETS

From owner-qrp-l@Lehigh.EDU Wed Mar 27 22:16:59 1996

From: ae4ic@nr.infi.net (BOB KELLOGG)

Subject: [6269] Rat hunt tonite

Message-ID: <199603280022.TAA06234@mh004.infi.net>

Guys, I told you I was suffering withdrawal symptoms!! The Rat will be out of his hole tonight, WEDNESDAY, March 27th at 9:00 PM EST. (This is THURSDAY morning 0200 UTC) Will hang around 7.040+/-, but if no action will move to 7.110. Please don't expect a lot from a neophyte, but I will report the results tomorrow.

CUL,

Bob Kellogg, AE4IC

Prolably, but not nececelery. - Benny Hill

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Jeff Gold <JMG@tntech.edu>
Subject: [6245] rig for sale-not mine
Message-ID: <01I2TYCVC1SUHWE0DI@tntech.edu>

I just came across this on the net:
525D ARGOSY II

Category: HF TRANSCEIVER
Manufacturer: TENTEC
Price: \$450
5/50 WATT SOLID STATE QRP, DIGITAL READOUT, A CLASSIC

THIS UNIT IS IN MINT CONDITION AND INCLUDES AS ACCESSORIES: 8 POLE
SSB FILTER, 500 HZ CW
FILTER, AUDIO FILTER (2 SELECTABLE BANDWIDTHS), ALL INTERNALLY
INSTALLED. A REAL
CLASSIC, HARD TO FIND

Seller: ALAN FRYER
Email: www
Street: 10651 Ivy Ridge Rd.
City: Bent Mountain
State: VA
Zip: 24059
Country: USA
Phone: 540-929-5216
Date Submitted: FEB/2/1996

PS.. when I had to sell of almost all of my equipment.. this
stayed.. it works GREAT qrp.. both SSB and CW
73
Jeff, AC4HF

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: pelt@vt.edu (Randy Pelt)
Subject: [6273] SP 8660 ???
Message-ID: <199603280256.VAA22850@sable.cc.vt.edu>

Does anybody know where I can find an SP 8660 IC???? I'm building the synthesizer from the Sept QRPp and I can't find this critter anywhere.

Help is appreciated.

Tnx...72/3

Randy Pelt
310 Rucker Rd
Blacksburg, VA 24060
nz4i QRP-L #12
pelt@vt.edu

From owner-qrp-l@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: prvalko <prvalko@oakland.edu>
Subject: [6225] Speaking of Chaos...
Message-ID: <Pine.OSF.3.91.960327091600.18570C-1000000@saturn.acs.oakland.edu>

Have any of you fellow netmaniacs(tm) had the misfortune to peek into uunet (the Internet Newsgroups for you new folk) recently?

Man what trash! The ham groups are filled with venom, anti-code, pro-code, obscenities regarding FM-25s, Burt Fisher (who I think has been killfiled even more than "Make Money Fast"), and I could go on and on.

This QRP-listserver is probably one of the most gentle and civilized places on the whole net.

I love you, man.

73 =paul= wb8zjl

From owner-qrp-l@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Mike Robinson <miker@cc.com>
Subject: [6233] Summer Fox Hunt

Message-ID: <9603271550.AA09620@voder.nsc.com>

I think there IS a summer fox hunt organized.

Here's how it works:

I send:

CQ CQ CQ DE AA0UB AA0UB AA0UB QRP AR

Then the fox hunter answers:

AA0UB AA0UB DE <yourCall> <yourCall> QRP K

Then I send...

[Big Smiley Face included here]

```
=====
7.3 de Michael AA0UB      miker@cc.com      michael@frii.com
      http://www.frii.com/~michael
      QRP-L #126      Norcal #857      CQC #180
=====
```

From owner-qrp-l@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: ae4ic@nr.infi.net (BOB KELLOGG)
Subject: [6260] Summer Fox Hunt
Message-ID: <199603272220.RAA03845@mh004.infi.net>

Mike --- you just don't understand. There are lot of us suffering SERIOUS withdrawal symptoms.

So, here's the deal. Mike has a good idea. I'm not a Fox, Ellen says I'm more like a Rat. So, look for the Rat tonite, Thursday, March 27, at 9:00 PM EST (that's 0200 utc Wed morning) for two hours. I'll report tomorrow if any one actually catches the Rat. The prize will be the fun of straining to hear a faint signal through QRM, QRN, and QSB. I'll be running 5 watts from the NW8020.

>I think there IS a summer fox hunt organized.
>Here's how it works:
>I send:
>CQ CQ CQ DE AA0UB AA0UB AA0UB QRP AR
>Then the fox hunter answers:
>AA0UB AA0UB DE <yourCall> <yourCall> QRP K
>Then I send...
>[Big Smiley Face included here]

CUL,
Bob Kellogg, AE4IC
Prolably, but not nececelery. - Benny Hill

From owner-qrp-l@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Dave Fifield <fifield@lan.nsc.com>
Subject: [6216] The end.....?
Message-ID: <3158DFA1.5171@lan.nsc.com>

Paul wrote:

>Here's a note to my fans one and all
>so just sit back and listen to =paul=.
>These limericks are done
>though I must say, "T'was FUN!"
>What the hell... I'll write more, you just call!

Hopefully, that was Paul's last ode
We've all had enough of that mode
Now put the list on track
And let's get back
To our low power, antennas and code!

(Pleeeeeze!)

Dave Fifield

| LAN Applications Manager | KE6ZBZ |
| National Semiconductor Corp | QRP-L #92 |

From owner-qrp-l@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: N0oct@aol.com

Subject: [6272] Tnks for elset/keps info.....

Message-ID: <960327212716_179782142@emout09.mail.aol.com>

Thanks to all who forwarded info on where to find 2-line element sets/keplerian elements.

Really appreciate it!

72, 73, whatever it takes.....

jim N00CT

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996

From: "Bob White" <Bob_White@CCMAIL.aerosys.loral.com>

Subject: [6231] Updated QRP+ is back!!

Message-ID: <9602278279.AA827951736@CCMAIL.AEROSYS.LORAL.COM>

I received my QRP+ back from Index Labs yesterday afternoon. As yesterday was my wife's birthday I did not have too much time to play with it, but I did make the following observations.

My serial number is still 597.

Output turned all the way up is now 5 watts on all bands. I did not see different max power levels as I did on the old QRP +.

Minimum output power (stable) seems to be about 70mw.

Internal keyer is much more friendly then it was.

I rewired my mike (tip wire no longer needed and ground wire moves to non-mike side of PPT switch), and made two SSB contacts on 80 meters. Audio cut through the S9 noise level with no problem. 44 MD to IA and 58 MD to NE.

Receiver seems hot, but I did not have the time to compare it to the TS940S or Ten Tec Scout. When is the next beacon test? That will give me a good benchmark.

I can't wait to try it under contest conditions as that is where the old Plus's limitations really showed up.

Anyone else receive theirs?

Follow up report will follow after I get some more air time on the New Improved QRP+.

73,
Bob White W03B

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: prvalko <prvalko@oakland.edu>
Subject: [6249] Vegas
Message-ID: <Pine.OSF.3.91.960327125640.5920B-100000@saturn.acs.oakland.edu>

I love you, man.

Hey, I convinced the boss that I should go to the Networld+Interop Convention/Exposition in Las Vegas again this year! So I'll be in Sin City from next Monday through Thursday. Last year I took my wife, this year she said, "been there, done that." So I'll have some spare time.

Not that there isn't anything to do in LV, but I wouldn't mind meeting up with other radio fans either at Interop or in the evening.

73 =paul= wb8zjl

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: prvalko <prvalko@oakland.edu>
Subject: [6224] RE: 10 Meter Sporadic E QRP Activity
Message-ID: <Pine.OSF.3.91.960327084905.18570A-100000@saturn.acs.oakland.edu>

On Tue, 26 Mar 1996 richards@nylink.org wrote:

> I always had CB channel 19 programmed into the memory of my HF
> rig, just so's I could get an idea of when 10m might be open.

Uh huh... yeah... right... sure you did... ;-)

Actually, it's a good tip.

I also dialed through the RF ghetto below 28MHz one night and heard a huge amount of activity, I immediately clicked on the Ten Tec 6M transverter and was delighted to hear (and join) one of the best E openings of the Winter, right after Christmas.

We gave everyone our personal, kicked it back, swung the beams, and

wished everyone all the golden numbers.

73! =paul= wb8zjl

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: weinfurtner@ouvaxa.cats.ohiou.edu (Greg Weinfurtner)
Subject: [6242] Re: 10 Meter Sporadic E QRP Activity
Message-ID: <v01510102ad7f26208302@[132.235.72.11]>

To All:

How about a frequency that everyone monitors on 10 meters? I have a few ol' 23 channel CB's just waiting to be converted to 10m and be put in "monitor mode!"

I've noticed that 28.350 is pretty busy (when the band is up) and 28.680 was mentioned...Is there a standard AM calling freq on 10? If not, anyone out here want to make a "command decision" and standardize a 10 mtr AM calling frequency.

```
*****
*                               Greg Weinfurtner AEE BSS *
*      NN      N  SSSSSSS  8888888  0000000  Electronic Design Splst *
*      N N     N  S      8      8  0      0  Ohio University  Athens *
*      N N N    SSSSSSS  8888888  0      0  GO BOBCATS!                *
*      N  N N      S      8      8  0      0                                *
*      N      NN  SSSSSSS  8888888  0000000                                *
*                               Can thou send forth lightnings *
*                               Amateur Radio      that they may go and say unto *
*                               thee, 'Here we are'? Job 38:35 *
*      weinfurtner@ouvaxa.cats.ohiou.edu                                *
*      http://ouvaxa.cats.ohiou.edu/~weinfurtner                        *
*****
```

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: launerb@crl.com (William H. Launer)
Subject: [6263] Re: 10 Meter Sporadic E QRP Activity
Message-ID: <v01520d02ad7f705c7c22@[192.0.2.1]>

Greg Weinfurtner wrote:

>How about a frequency that everyone monitors on 10 meters? I have
>a few ol' 23 channel CB's just waiting to be converted to 10m and be put in

>"monitor mode!"

I agree, the old xtal controlled CB rigs are especially easy to modify - just replace the crystals and retune for 10m. At 4.5 w, they're ready-made qrp rigs! Some of the earlier synthesized units are easy to convert (especially those that used the CYBERNET 36A0X board - Hy-Gain, Kraco, and Midland were some of the brands using this board). Bob Heil, K9EID, published a book "The 10 Meter FM Handbook", which describes in detail how to convert these units to 10m, including how to put them on CW. These particular units use 2 crystals, a 10.24mHz reference crystal which provides 10kHz channel spacing, and an 11.806mHz crystal which provides PLL offset. To convert the unit to 10m AM, you only have to change the 11.806mHz crystal, and retune the unit. If anyone is interested in the procedure and crystal selection procedures, let me know.

72, Bill wb0cld
launerb@crl.com

Bill Launer
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-1 #279 qrp arci #3551

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [6244] Re: A tip of the hat...
Message-ID: <199603271713.KAA06088@zia.aoc.nrao.edu>

>Peter Simpson <peter@Thoth.st.3com.com> writes:

>

>Received my "Forty-9er" parts kit in the mail yesterday. Thanks
>to Doug Hendricks, Jim Cates and Wayne Burdick. These guys must
>spend all their time designing neat QRP rigs, licking stamps and
>addressing envelopes!

I'm sure they appreciate your kind words and compliments. But I think you left out the Cascade, St. Louis Tuner, publishing the QRPp, licking stamps and addressing envelopes for that, processing QRP Afield contest logs, ... Wonder what project those guys have lined up for NEXT month? (You know, in their free time!). They all indeed deserve a "job well done."

Paul NA5N

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Clark Savage Turner WA3JPG <turner@safety.ics.uci.edu>
Subject: [6219] Re: F Beacon
Message-ID: <9603270028.aa11000@paris.ics.uci.edu>

Yes, the F beacon reached over S9 about 2 nights ago! It has been pouring in here in Southern California.

Clark
WA3JPG

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: bkassel@enet.net (Brian Kassel)
Subject: [6239] Re: F Beacon
Message-ID: <199603271615.JAA08645@maple.enet.net>

At 12:28 AM 3/27/96 -0800, Clark Savage Turner WA3JPG wrote:
>Yes, the F beacon reached over S9 about 2 nights ago! It has
>been pouring in here in Southern California.

I here it S-3 to S-5 most every morning here in Phoenix.
Has anyone determined where it is located, power etc.?
Brian
Brian D. Kassel W5VB0
K.C. Consulting

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Tom_Jennings <jennings@eng16.rochny.uspra.abb.com>
Subject: [6251] Re: FUTURE KITS?
Message-ID: <jennings-9602271917.AA000614034@eng16>

In message M, David Kreinberg says:
> Date: Wed, 27 Mar 96 11:39:16 CST

> From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
> Subject: FUTURE KITS?
>
>
> Folks:
>
> Just wondering.....
>
> with all the recent talk of 10m QRP

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Tom_Jennings <jennings@eng16.rochny.uspra.abb.com>
Subject: [6257] Re: FUTURE KITS?
Message-ID: <jennings-9602272055.AA001114034@eng16>

In message M, David Kreinberg says:

> Date: Wed, 27 Mar 96 11:39:16 CST
> From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
> Subject: FUTURE KITS?

>
>
> Folks:
>
> Just wondering.....
>
> with all the recent talk of 10m QRP

< deleted stuff >

> Many people here have claimed that bands like 10
> are fabulous when the spot count is high. Maybe
> a little ditty like a "40-9er" for 10m would be
> the ticket. Real simple, FB receiver, abt 1w TX?

>
we could call it a "10-9er"
(pun intended)

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
Subject: [6262] Re: Futures
Message-ID: <Pine.OSF.3.91.960327162622.1573A-100000@duke.usask.ca>

This reminds me of a quote from Homer Simpson (speaking of prevailing

trends) to Bart when Bart was trying to learn the guitar (I think it was the guitar but I could be wrong) and Bart found it took practice.

Homer: "What ever is hard is not worth doing. So just put the guitar in the closet with the ham radio..."

(My apology if I have messed up on the details but I think you will understand the sentiment.)

Brian (Or should I say Dahdididit Didadit Didit Didah Dadit?)

On Wed, 27 Mar 1996, chuck adams wrote:

>
> Gang,
>
> The people who jump up and down and scream about rights,
> obsolete communication methods, etc. IMHO deserve what
> they get. You make it easy for everyone to do it
> then it becomes chaotic. Look at what happened to
> the 11m band. Look at what is happening now on 2M
> and the phone bands. I am not saying not let anyone
> in, but do keep up the standards, but we have proven
> that it doesn't seem to be doing any good. It's the
> prevailing trend in society as a whole. We just
> aren't doing a good job of education in general.
> Polite society is taught not inherited. Manners are
> hard to come by. Barbaric behavior is easy. Control
> of tempers and polite discussion have slipped away in
> many areas. I see so much "I want it my way and I
> want it now!".

[snip]

> Chuck Adams (K5FO CP-60) adams@sgi.com
> Box 181150, Dallas, TX 75218-8150
>
>

Brian Buydens
Department of Computing Services
University of Saskatchewan
email: Brian.Buydens@usask.ca
VE5RDV

There was a young poet named Dan,
Whose poetry never would scan.
When told this was so,
He said, "Yes, I know.

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Clark Savage Turner WA3JPG <turner@safety.ics.uci.edu>
Subject: [6266] Re: Futures
Message-ID: <11700.827970594@safety.ics.uci.edu>

Brian writes:

> This reminds me of a quote from Homer Simpson (speaking of prevailing
> Homer: "What ever is hard is not worth doing. So just put the guitar in the
> closet with the ham radio..."

Ah, another Simpson fan, eh? I REALLY enjoyed the episode where
Marge's two dumpy sisters were trying to find boyfriends and lamented
in the end that their only contact with the outside world was their
ham radio. Touching moment.

Clark
WA3JPG

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: "Roy G. Jackson" <rjackson@adsnet.com>
Subject: [6271] Re: Goodbye old friend
Message-ID: <3159E940.29A@adsnet.com>

Michael Connor wrote:

>
> That'd be crazy. A 40M milliwatt handheld? Hmmm.....
> I hear there's some guys runnin around hiding radios inside
> candy boxes, so why not?
> There's plenty of room for the board, with room left over for
> an audio amp, keyer, whatever.
> Hello old friend!:-)
> Mike, there used to be an antenna vendor that always had a 40 meter
rubber duck antenna on his display table at all the large area hamfests.
Perhaps he has finally found a buyer!!:-)

--

Roy G. Jackson

e-mail:

rjackson@adsnet.com (home)
usboscwrc@ibmmail.com (work)

Also known in ham radio circles as NY9B

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Steve Silverwood <kb6ojs@earthlink.net>
Subject: [6274] Re: ISOTRON Antenna
Message-ID: <1.5.4b12.32.19960328034526.006a2ea8@earthlink.net>

At 14:42 3/27/96 -0600, Mike White wrote:
>The review in 73 seemed rather favorable for the ISOTRON - has
>anyone used one? It doesn't have mongo gain, but it seems like
>a fair antenna for a dinky-lot bound person like myself.

I used an Isotron some years ago. It was totally worthless, IMHO.

-- //Steve//

Computer Associates CompuServe: 76703,3035
Fax: 714/557-1675 Internet: kb6ojs@earthlink.net
Phone: 714/513-7236 America Online: KB6OJS
Homepage: <http://ourworld.compuserve.com/homepages/KB6OJS>
Personal homepage: <http://www.earthlink.net/~kb6ojs>

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: QLF%mimi@magic.itg.ti.com
Subject: [6223] re: LONG WIRE ANTENNAS
Message-ID: <9603271346.AA20319@itg.ti.com>

From: Brad Bradfield QLF

Subj: re: LONG WIRE ANTENNAS

By common definition, any end fed wire one-wavelength or longer is considered to be a long wire antenna. Anything shorter is just an end fed random wire. Does it matter? Naaah. Just common convention.

I remember the guy who gave me my Novice test in 1970. He had a 1400 foot (!!) long wire stretched out through the trees. Worked like gang busters on everything including 160 meters until it got hit by lightning. Vaporized the antenna, got into the house and took out his TV, stereo, and I don't remember what all else.

Oh, well.

73's

Brad, WB0CGH

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ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M)

Collector of wireless and landline Morse keys and accessories.

From owner-qrp-l@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Jacqueline Herman <jherman@sierra.net>
Subject: [6237] Re: More on small, light, invisible wire
Message-ID: <Pine.SUN.3.91.960327080605.12164N-100000@diamond.sierra.net>

On Wed, 27 Mar 1996, Grover Cleveland wrote:
> My search for the perfect covert hotel operating wire continues.

It's as close as your TV set. Around the yoke of the picture tube you'll find enough small-guage wire (the deflection coil) to last you a lifetime. Don't forget to yank the 80M xtal sitting in the color-burst oscillator board. And don't forget that wonderful variable cap in the UHF tuner (I built a 40m vfo around one).

> .73

Hey! That used to be *my* sig when I was a subscriber on here!

7.3 from Hawaii (although I'm currently in Nevada),
Jeff NH6IL\7

From owner-qrp-l@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Bob Hirsch <bobh@p3.net>

Subject: [6247] Re: More on small, light, invisible wire
Message-ID: <1.5.4b12.32.19960327175324.00671284@p3.net>

At 06:43 3.27.96 -0800, you wrote:

>My search for the perfect covert hotel operating wire continues.
>
>Several folks suggested Davis RF as a source. Unfortunately they stock
>only the 14 ga. Flex-Weave and not the 26 ga. It was noted that "some
>guy at Dayton" sells the 26 ga. stuff, but I'm not going.
>
>Another suggestion from a couple of people was 26 ga. Teflon coated
>wire. Thanks for that - I'll raid the wire bin at work and see what I
>come up with.
>
>.73
>
>Grover WT6P
>
>
>
Hi --

The 26 ga wire you are looking for is available but not from Davis RF.
It is a product sold by the Wireman (Press Jones) and is currently
available in the catalog -- Wirebook III page 48, It is stock #534 and
called "Invisible toughcoat Silky 26 gauge 19 strand copper clad. Weighs
less than one pound per thousand feet, according to the catalog. The
Wireman Inc., 261 Pittman Road, Landrum SC 29356 -- phone# 1 800 727 9473.
It runs around 15 cents /foot.
No, I'm not connected, just a satisfied customer.

=====
73 es CUL de KE30B

Bob Hirsch
bobh@p3.net
qrp-arci #8700
qrp-l #450
=====

From owner-qrp-l@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
Subject: [6214] Re: More Pictures
Message-ID: <Pine.OSF.3.91.960326234343.11476B-1000000@duke.usask.ca>

Speaking of pictures, would it be appropriate to ask if a schematic of the 40-9er could be posted somewhere? I am interested in what is involved in building it.

Brian Buydens
Department of Computing Services
University of Saskatchewan
email: Brian.Buydens@usask.ca
VE5RDV

There was a young poet named Dan,
Whose poetry never would scan.
When told this was so,
He said, "Yes, I know.

From owner-qrp-l@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: randy foltz <rfoltz@wsunix.wsu.edu>
Subject: [6265] Re: Norcal Sierra
Message-ID: <Pine.OSF.3.91.960327152450.28061C-100000@unicorn.it.wsu.edu>

Howdy, Tony.

I recently completed building a Sierra. It went together great. A bit tedious to build due to the number of parts, but not particularly difficult. Smoke test ok, aligned fine, and put out the rated 2.5 W with full drive. I made a few voltage and frequency tests under the hood with test equipment that turned out to be bad. That, however, was my problem. I talked to both Bob and Wayne about it, and had them check it out. There wasn't a problem with the rig, just with my test equipment and power supply. Both of them were great in getting the perceived problem fixed. Again it was a perceived problem on my part, not with the rig.

I've built Heathkit rigs and test equipment from the 60's, keyers, 2 transistor transmitters recently and the Wilderness NorCal 40A, so I've got a bit of building experience. I think a careful builder should have no problem assembling the Sierra.

The band modules are no hassle to change at all. Plug and unplug with ease.

In summary, I'm VERY please with both the rig and the company. I don't have any connection to them, just pleased with their efforts.

72,
Randy
WB5QMP ARCI QRP-L NORCAL NWQRP

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Ronald Hands <Ronald.Hands@freenet.hamilton.on.ca>
Subject: [6258] Re: NORCAL'S WWW SITE
Message-ID:
<Pine.SOL.3.91.960327161147.16138D-100000@james.freenet.hamilton.on.ca>

On Tue, 26 Mar 1996, Dan Goodwin wrote:

> As I had written earlier I had no problem but I am using Netscape. When
> you access the page a Java script runs and that may require Netscape.
>

I'm using Netscape (1.2 I think) and it didn't work well at all (saw only part of the screens and the text was rendered in something like 48 point type that scrolled swiftly off my 640x480 screen).

However, by using the Lynx text browser from the freenet I was able to get all the text (no images) with an incredible increase in speed.

-- Ron VE3SP
ronald.hands@freenet.hamilton.on.ca
rhands@inforamp.net

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: DYARNES@aol.com
Subject: [6213] Re: QRP & Ghost Towns & Camping
Message-ID: <960327001921_455873014@emout06.mail.aol.com>

If you are really into ghost towns around here, there are two very good books by Philip Varney--one called "Arizona's Best Ghost Towns" and the second called "New Mexico's Best Ghost Towns". Both books were published by the Northland Press in Flagstaff, Arizona in the early 1980's. The New Mexico book prominently mentions Riley, and has a picture of the old school house.

The forward to this book is by Tony Hillerman (famous for many excellent mystery novels featuring Joe Leaphorn of the Navajo tribal police), and he is quite complimentary of its content. He also specifically mention other excellent works by Pat and Dick Meleski, Ralph Looney, and Michael Jenkinson.

Sorry, he only mentions the authors. Somewhere in the above list may be just the book for you if you are interested.

This ghost town thing seems to have caught the imagination of quite a few folks. Maybe we could have a special QRP to the Field outing where everybody who can goes to a different ghost town. There are a bunch of them around here and they are fascinating! I don't know if there is a truly "official" list of ghost towns, but we could maybe come up with our own version and have

a WAGT award (Worked All Ghost Towns)--That ought to give us something to do in between foxhunts!

72 de David W5RMZ

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Kevin Muenzler <muenzlerk@uthscsa.edu>
Subject: [6229] RE: QRP on 2M
Message-ID: <01BB1BBB.64C22520@muenzlerk.uthscsa.edu>

Jacqueline Herman[SMTP:jherman@sierra.net] wrote:

>Hi Gang,
>First let me say that I had to unsub due to so much traffic (I'm sub'd
>to 4 lists), so *please* CC your response to me (or send your answer
>directly to me).
>
>Now, I have an older Heath HW-202 2m xcvr which has an output of 10W.
>That's no fun for the batteries, so I'd like to decrease the output
>to 1W or so.
>
>The PA transistors are 2N5589 into a 2N5590. Both share a common
>collector with a B+ of 13.8 VDC.
>
>If I place a resistor in series with that B+ line will that be
>enough to decrease the power output? If so, what value resistor?
>(I don't know the current that the PA transistors draw.) There
>are too many variables missing to use Ohm's law and the power
>formula!!
>
>If someone can tell me how much current these two transistors draw
>them maybe I can fill in all the pieces.
>
>How about using a carbon composition trimmer resistor?
>
>Any help will be gretly appreciated!!
>
>73 from Nevada (but missing Hawaii),
>Jeff NH6IL\7
>
>

I had the same problem with the HW-2036. I tried to place a resistor on the PA too but it had to be too big (physical size) to dissipate the wattage. So, I placed a small attenuator between the driver and the final PA. It worked just fine. Try it with

the

HW-202, it should work just fine, you don't have to worry about being linear, just try to match the impedance. Even that's not too critical since efficiency is not your concern because you are trying to drop the power anyway.

Kevin, WB5RUE
muenzlerk@uthscsa.edu
wb5rue@amsat.org

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [6248] Re: Question on Calls2dist
Message-ID: <199603271757.RAA27920@chuck.dallas.sgi.com>

Bill et.al.,

Here is the reason why the numbers in gc come out the way they do. I explained this amongst some other stuff once before and it is complicated in a way. Not obvious for sure.

KC1GS Lat/Long = 42 23 30 N 71 34 00 W
WB3CUU Lat/Long = 42 07 00 N 71 51 55 W

Output from "gc 42.2350N71.3400W 42.0700N71.5191W":

42 23 30 N means 42 degrees 23 minutes 30 seconds North

Well 23 minutes 30 seconds is 23.50 minutes and we get that from $23 + 30/60 = 23 + 0.50 = 23.50$

Evidently, whoever wrote gc has it set up to do degrees and minutes in the calculations, so they only do two operations instead of three which would be required to get the seconds.

So if you had

42.2330N that would be deg.mmss
42.2350N that would be deg.mmmm
42.3917N that would be deg

I just love mathematics, but this is not mathematics. :-)

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Roger Hightower <aa7qy@netzone.com>
Subject: [6261] Re: Question on Calls2dist
Message-ID: <199603272212.PAA02703@nz1.netzone.com>

At 10:48 AM 3/27/96 EST, Bill Acito 27-Mar-1996 1045 wrote:

>

> Why does 42 deg, 23 min, 30 sec = 42.2350 degrees?

> Shouldn't it be $42 + 23/60 + 30/60(1/60) = 42.3917$?

>

> Wishlist: adding grid square calculations to this would be great!

The system just breaks seconds down into a fraction without using a decimal, I think. 30 sec is .50 min and it just tacks it on without the decimal. If the minutes were in decimal, the notation would be 42.3917 as you say, but then that would be consistent, :-)

72/73, de Roger

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Kevin Muenzler <muenzlerk@uthscsa.edu>
Subject: [6230] RE: Speaking of Chaos...
Message-ID: <01BB1BBB.A947A620@muenzlerk.uthscsa.edu>

prvalko wrote:

>

>Have any of you fellow netmaniacs(tm) had the misfortune to peek into
>uunet (the Internet Newsgroups for you new folk) recently?

>

>Man what trash! The ham groups are filled with venom, anti-code,
>pro-code, obscenities regarding FM-25s, Burt Fisher (who I think has been
>killfiled even more than "Make Money Fast"), and I could go on and on.

>

>This QRP-listserver is probably one of the most gentle and civilized places
>on the whole net.

>
>I love you, man.
>
>73 =paul= wb8zjl
>
>
>

Been there, Done that...AMEN!

Kevin, WB5RUE
wb5rue@amsat.org
muenzlerk@uthscsa.edu

From owner-qrp-l@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
Subject: [6232] Re: Speaking of Chaos...
Message-ID: <Pine.OSF.3.91.960327094250.8547A-100000@duke.usask.ca>

I agree. When I first started reading USENET it almost made me decide not to become a ham. I was lucky to have an Elmer who introduced me to some of the local hams and they're not like that.

On the other hand it is through the USENET that I found this mailing list ;-)

Brian.

On Wed, 27 Mar 1996, prvalko wrote:

>
> Have any of you fellow netmaniacs(tm) had the misfortune to peek into
> uunet (the Internet Newsgroups for you new folk) recently?
>
> Man what trash! The ham groups are filled with venom, anti-code,
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> on the whole net.
>
> I love you, man.
>
> 73 =paul= wb8zjl
>
>

>

Brian Buydens
Department of Computing Services
University of Saskatchewan
email: Brian.Buydens@usask.ca
VE5RDV

There was a young poet named Dan,
Whose poetry never would scan.
When told this was so,
He said, "Yes, I know.

From owner-qrp-1@Lehigh.EDU Wed Mar 27 22:16:59 1996
From: Kevin Muenzler <muenzlerk@uthscsa.edu>
Subject: [6236] RE: Speaking of Chaos...
Message-ID: <01BB1BC5.42475920@muenzlerk.uthscsa.edu>

On Wednesday, March 27, 1996 3:44 AM,
Brian.Buydens@usask.ca[SMTP:buydens@duke.usask.ca] wrote:

>I agree. When I first started reading USENET it almost made me decide
>not to become a ham. I was lucky to have an Elmer who introduced me to
>some of the local hams and they're not like that.

>

>On the other hand it is through the USENET that I found this mailing list ;-)

>

>Brian.

>

>On Wed, 27 Mar 1996, prvalko wrote:

>

>>

>> Have any of you fellow netmaniacs(tm) had the misfortune to peek into
>> uunet (the Internet Newsgroups for you new folk) recently?

>>

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>> pro-code, obscenities regarding FM-25s, Burt Fisher (who I think has been
>> killfiled even more than "Make Money Fast"), and I could go on and on.

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>> I love you, man.

>>

>> 73 =paul= wb8zjl

>>

>>

>>

>

>Brian Buydens
>Department of Computing Services

There was a young poet named Dan,
Whose poetry never would scan.

>University of Saskatchewan When told this was so,
>email: Brian.Buydens@usask.ca He said, "Yes, I know.
>VE5RDV
>
>
>

You mean you actually had an Elmer??
I thought those were extinct these days. ;) Or at least you would
think so by reading the usenet garbage.

Kevin, WB5RUE
wb5rue@amsat.org
muenzlerk@uthscsa.edu